

Storm Data and Unusual Weather Phenomena

Location

January 2004

Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
				Killed	Injured	Property	Crops	

Texas West

TXZ258

Guadalupe Mountains Of Culberson County

03	1300MST			0	0	0	0	High Wind (MG89)
04	0800MST							

A low amplitude longwave trough slowly propagated east across the Southern Plains late on the 3rd and into the first half of the 4th. Height gradients in the base of the trough were tight, and resulted in severe winds in the higher elevations of the Guadalupe Mountains. Gusts frequently exceeded 80 MPH during the nighttime hours. At 0200 MST, a peak gust of 102 MPH was observed at The Bowl (7,755 FT MSL). The extreme winds were generally restricted to rural areas of the Guadalupe Mountains National Park. Park Service rangers reported an unknown number of trees that had been blown down by the winds. Given the uninhabited nature of the area, no damage occurred to man-made structures and there were no injuries.

TXZ061>062

Ector-Midland

26	0800CST 1100CST			0	0	22K	0	Strong Wind (MG43)
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A cold front swept south across the Permian Basin during the morning of the 26th bringing strong northwest winds. Measured wind gusts were generally between 40 and 50 MPH as recorded by area ASOS sites and the Texas Mesonet. Minor roof damage was sustained to a business in Midland. In Odessa, the winds sent roof debris flying off of two businesses, a few large signs were blown down, and a couple of power poles were damaged.